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L4: Entry 1 of 1

File: JPAB

May 14, 1996

PUB-NO: JP408118586A

DOCUMENT-IDENTIFIER: JP 08118586 A

TITLE: METHOD AND APPARATUS FOR PLATING DOCTOR BLADE

PUBN-DATE: May 14, 1996

## INVENTOR-INFORMATION:

NAME	COUNTRY
KANEKO, MITSURU	

## ASSIGNEE-INFORMATION:

NAME	COUNTRY
NIPPON NEW CHROME KK	

APPL-NO: JP06281542

APPL-DATE: October 21, 1994

INT-CL (IPC): B41 F 9/08; C23 C 18/36; C25 D 3/12; C25 D 15/00

## ABSTRACT:

PURPOSE: To improve the efficiency of plating and thereby prevent spacer marks from remaining on the surface of articles by providing each process of an alkaline dipping, degreasing, washing, acid dipping, washing composite plating, recovery of plating liquid, washing and drying from the process for continuously forwarding a doctor blade matrix to the final process for continuously winding up the same matrix by a winding reel.

CONSTITUTION: A doctor blade matrix 2 is sent forward being held by a plurality of pinch rollers 20 provided between respective treatment processing baths, and then subjected to a plating process in a plating bath 7 to subsequently be wound by a winding reel 30. The doctor blade matrix is controlled in its progress speed according to the winding speed of the winding reel 30. Between the material reel 1 and the composite plating bath 7, alkaline degreasing bath 3, washing bath 4, acid dipping bath 5 and washing bath 6 are provided as pre-treatment baths, and between the compound plating bath 7 and the winding reel 30, each treatment process of a plating liquid recovery bath 8, washing bath 9 and drying bath 10 is provided as post-treatment baths. Each provided between respective treatment processing baths is a spacing bath 12 which is sectioned by partitions.

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L10: Entry 4 of 4

File: DWPI

Apr 17, 1990

DERWENT-ACC-NO: 1990-161439

DERWENT-WEEK: 199021

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**TITLE:** Plating for doctor blade - by laminating masking member on surface of blade, winding round central core member and placing in plating soln.

**PATENT-ASSIGNEE:**

ASSIGNEE	CODE
FUJI SHOKO KK	FUJIN

PRIORITY-DATA: 1988JP-0255665 (October 11, 1988)

**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 02104696 A	April 17, 1990		000	

**APPLICATION-DATA:**

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 02104696A	October 11, 1988	1988JP-0255665	

INT-CL (IPC): B41F 9/08; C25D 7/00

ABSTRACTED-PUB-NO: JP 02104696A

**BASIC-ABSTRACT:**

Masking member with pre-decided thickness is laminated against side surface of long size doctor blade, and member is disposed at terminal end opposed to terminal end used as blade of doctor blade, member is attached widthwisely for terminal end, and doctor blade and member are wound about central core member keeping blade outward. Wound spiral doctor blade is hung and immersed into plating soln. to conduct electroplating.

ADVANTAGE - Long doctor blade is plated with compact appts.

CHOSEN-DRAWING: Dwg. 0/6

TITLE-TERMS: PLATE DOCTOR BLADE LAMINATE MASK MEMBER SURFACE BLADE WIND ROUND CENTRAL CORE MEMBER PLACE PLATE SOLUTION

DERWENT-CLASS: M11 P74

CPI-CODES: M11-B;

**SECONDARY-ACC-NO:**

CPI Secondary Accession Numbers: C1990-070663

Non-CPI Secondary Accession Numbers: N1990-125160